



Republic of the Philippines

Philippine Statistics Authority

Davao del Sur Provincial Statistical Office

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SPECIAL RELEASE

PALAY AND CORN SITUATION AND OUTLOOK

October-December 2018

DAVAO CITY



Philippine Statistics Authority

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Palay

The **October-December 2018** palay production at 3,656 Metric Tons (MT) grew from the 2017 output of 3,631 MT by 12.38 percent. Harvest area contracted to 1,002 hectares from previous year's level of 1,016 hectares. Yield per hectare increased from 3.57 MT in 2017 to 3.65 MT in 2018 or by 2.24 percent (Table1).

Table 1. Palay Estimates and Forecasts
Davao City, October-December, 2017-2018

	2017	2018	% Change
Production (MT)	3,631	3,656	0.69
Area Harvested (Ha)	1,016	1,002	(1.38)
Yield (MT/Ha)	3.57	3.65	2.24

- The growths in production were attributed to lesser incidence of rats and army worms in Calinan, Marilog and Paquibato districts, and the use of high quality seeds subsidized from Department of Agriculture XI/City Agriculture Office.

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Probable production for **January-March 2019** based on standing palay, will be 3,620 MT, 7.72% below the 3,923 MT output in 2018. Harvest area may decline from 1,041 hectares in 2018 to 947 hectares in 2019, or by -9.08%. Yield may go up from 3.77 MT to 3.83 MT, or by 1.59% (Table 2).

Table 2. Palay Estimates and Forecasts
Davao City, January-March, 2018-2019

	2018	2019	% Change
Production (MT)	3,923	3,620	(7.72)
Area to be Harvested	1,041	947	(9.08)
Yield (MT/Ha)	3.77	3.83	1.59

- The decrement in production are expected due to lesser planting activity attributed to inadequate water supply and insufficient rainfall during planting period.

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Based on farmers' planting intentions, the **April-June 2019** harvest area is foreseen to decrease by 4.61% from the level in 2018 (Table 3). This may be attributed by the farmers' anticipation of late onset of rainfall during the planting period.

Table 3. Palay Estimates and Forecasts
Davao City, April-June, 2018-2019

	2018	2019	% Change
Area to be Planted (Ha)	1,042	994	(4.61)

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Corn

Total Production for **October-December 2018** at 6,307 MT was 5.75 percent higher than the 5,964 MT output in 2017. Harvest area expanded to 3,424 hectares or by 12.94 percent from the 2017 level of 3,032 hectares. However, yield decreased from 1.97 MT per hectare in 2017 to 1.84 MT per hectare in 2018 (Table 4).

Table 4. Corn Estimates and Forecasts
Davao City, October-December, 2017-2018

Corn Type	2017	2018	% Change
Total			
Production (MT)	5,964	6,307	5.75
Area Harvested (Ha)	3,032	3,424	12.93
Yield (MT/Ha)	1.97	1.84	(6.36)

- Increment in production were attributed to increased in area harvested due to seeds subsidy from the Department of Agriculture and Davao City Agriculture Office.
- High quality seeds from Department of Agriculture and the City Agriculture Office.

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Of the total corn production, white corn accounted for 81 percent, yellow corn comprised the remaining 19 percent (Figure 1).

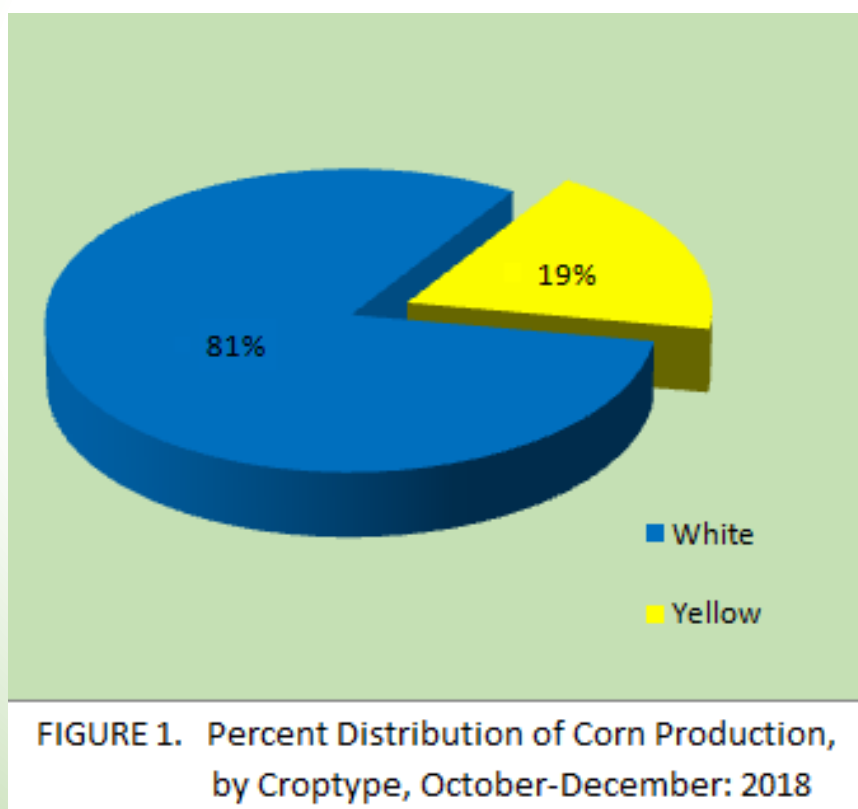


FIGURE 1. Percent Distribution of Corn Production, by Croptype, October-December: 2018

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Yellow corn production was estimated at 1,179 MT, 28.85 percent lower than the 2017 level of 1,657 MT (Table 5).

Production of white corn posted at 5,128 MT during the period. This was 19.06 percent higher than the previous year's level of 4,307 MT (Table 5).

Corn Type	2017	2018	% Change
White			
Production (MT)	4,307	5,128	19.06
Area Harvested (Ha)	2,596	3,115	19.99
Yield (MT/Ha)	1.66	1.65	(0.78)
Yellow			
Production (MT)	1,657	1,179	(28.85)
Area Harvested (Ha)	436	309	(29.13)
Yield (MT/Ha)	3.80	3.82	0.40

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The **January - March 2019** estimates on standing crop indicates lower production, harvest area and yield by 8.09%, 7.36%, and 0.79% from their respective levels in 2018 (Table 6).

Table 6. Corn Estimates and Forecasts
Davao City, January-March, 2018-2019

Corn Type	2018	2019	% Change
Total			
Production (MT)	5,238	4,814	(8.09)
Area to be Harvested (Ha)	2,485	2,302	(7.36)
Yield (MT/Ha)	2.11	2.09	(0.79)

- Production may probably decrease due to less plantings attributed by the rainfall condition which was way below normal during planting period.
- Probable yield per hectare may drop from 2.11 MT in 2018 to 2.09 in 2019. This could be attributed by insufficient rainfall in some areas in Paquibato district.

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Based on farmers' planting intentions, the **April – June 2019** estimates on harvest area may surpass the 2018 level by 4.09% (Table 7).

Table 7. Corn Estimates and Forecasts
Davao City, January-March, 2018-2019

Corn Type	2018	2019	% Change
Total			
Area to be Planted (Ha)	3,249	3,382	4.09

- This could be attributed by the movement of planting schedule from 4th quarter of 2018 to 1st quarter of 2019.

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Technical Notes

The Palay and Corn Production Survey (PCPS) is one of the major agricultural surveys conducted by the Philippine Statistics Authority (PSA). This generates estimates on corn production, area and yield and other production-related data that serve as inputs for policy making and programs on palay and corn.

Production refers to the quantity produced and actually harvested for a particular crop during the reference period. For palay and corn, harvest area refers to the actual area harvested/to be harvested during the reference quarter. Yield is an indicator of productivity derived by dividing total production by the area harvested.

The following are the data taken from these surveys:

- 1) Estimates for the current quarter
- 2) Estimates for the next two quarters based on: standing crop and planting intentions

Approved for Release:


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